

Memorandum



Date: July 6, 2018

To: City of Wichita

From: Burns & McDonnell

Subject: Conditions Assessment Cover Letter

Attached is an Asset Condition Assessment and Capital Improvement Program (CA) performed for the Utility in February of 2017. This CA was originally performed as part of the City's Utility Optimization Program to help identify capital improvement projects (CIPs), control risk, and to aid in the better asset management of the City's assets. The document describes the procedures and criteria used for the assessment and presents summaries of the findings, which indicate the poor condition of the Main Water Treatment Plant (MWTP), and thus the need for a new WTP.

While this document assessed both vertical and linear assets for water and wastewater, attention should be focused on the vertical water assets, primarily the MWTP. Figures 3-9 through 3-11 show asset conditions for the East section, Central section and overall for the MWTP. Assets that are in categories 4 and 5 are either Poor or Very Poor. It can be seen from Figure 3-11 that 99% of the assets at the MWTP are either in the Poor or Very Poor category. The overall poor condition of the MWTP is one of the primary drivers for a new WTP.